

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

API NUMBER: 083 24240

Approval Date: 12/26/2013

Expiration Date: 06/26/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 19N Rge: 3W

County: LOGAN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 250 290

Lease Name: MARION 22-19N-3W

Well No: 1MH

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: DEVON ENERGY PRODUCTION CO LP

Telephone: 4052353611

OTC/OCC Number: 20751 0

DEVON ENERGY PRODUCTION CO LP
333 W SHERIDAN AVE DEC 34.428
OKLAHOMA CITY, OK 73102-5010

JOHN & DOROTHY A. MARION
5849 W. HWY 51
MULHALL OK 73063

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5492	6	
2	WOODFORD	5793	7	
3	MISENER-HUNTON	5850	8	
4	SYLVAN	5875	9	
5			10	

Spacing Orders: 601235

Location Exception Orders: 605789

Increased Density Orders:

618928

Pending CD Numbers:

Special Orders:

Total Depth: 10534

Ground Elevation: 1101

Surface Casing: 550

Depth to base of Treatable Water-Bearing FM: 500

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: GARBER

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 13-26064

H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: GARBER

HORIZONTAL HOLE 1

Sec 22 Twp 19N Rge 3W County LOGAN

Spot Location of End Point: N2 N2 NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 4945

Radius of Turn: 716

Direction: 356

Total Length: 4272

Measured Total Depth: 10534

True Vertical Depth: 5875

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

LOCATION EXCEPTION - 605789

12/26/2013 - G30 - (I.O.) 22-19N-3W
X601235 MSSP, WDFD, MSRH, SLVN
POE NCT 0 FSL, NCT 330 FEL/FWL
1ST PERF NCT 150 FSL, NCT 330 FEL/FWL
LAST PERF NCT 150 FNL, NCT 330 FEL/FWL
BHL NCT 0 FNL, NCT 330 FEL/FWL
DEVON ENERGY PRODUCTION COMPANY, LP
12/20/12

LOCATION EXCEPTION - 618928

12/26/2013 - G30 - EXTENDS LOCATION EXCEPTION #605789 ON YEAR UNTIL 12/20/14

MEMO

12/26/2013 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION,
CONCRETE LINED PIT FOR SOIL FARMING PER OPERATOR REQUEST, PIT 2 - OBM
RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 601235

12/26/2013 - G30 - (640 HOR) 22-19N-3W
EXT 59165 MSSP, WDFD, MSRH, SLVN
POE TO BHL (MSSP, MSRH, SLVN) NCT 660' FB
POE TO BHL (WDFD) NCT 330' FB
(COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNIT; SUPERCEDE NON-
DEVELOPED NON-HORIZONTAL SPACING UNITS)

This permit does not address the right of entry or settlement of surface damages.

083 24240 MARION 22-19N-3W 1MH

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